

LUMINAIRE ARM DATA			
M Projected Length	N Rise	Min OD At Pole	Nominal Thickness
m	mm	mm	mm
4.6	1450±	108	3.04
6.1	750±	127	4.55

Pole Extension Type	Pole Data			
	Height “H” (m)	Min OD (mm)		Thickness (mm)
		BASE	TOP	
Type 5	1.5	165	152	4.55
Type 10	3.0	184	152	4.55



DIST

COUNTY

ROUTE

KILOMETER POST TOTAL PROJECT

SHEET NO.

TOTAL SHEETS

REGISTERED CIVIL ENGINEER

January 24, 2005

PLANS APPROVAL DATE

The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.

To get to the Caltrans web site, go to: <http://www.dot.ca.gov>

REGISTERED PROFESSIONAL ENGINEER

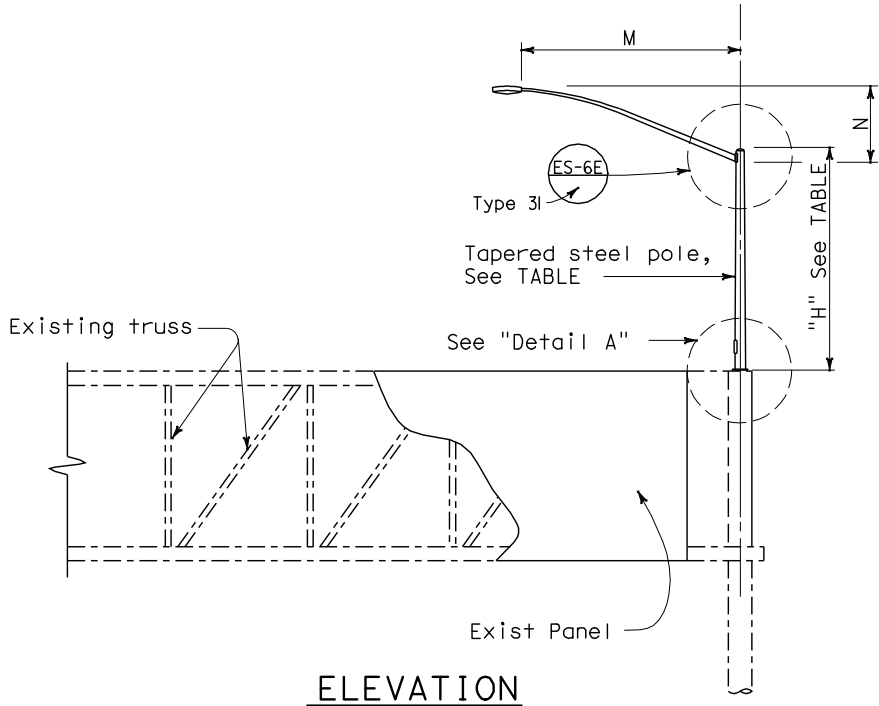
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No. C42892

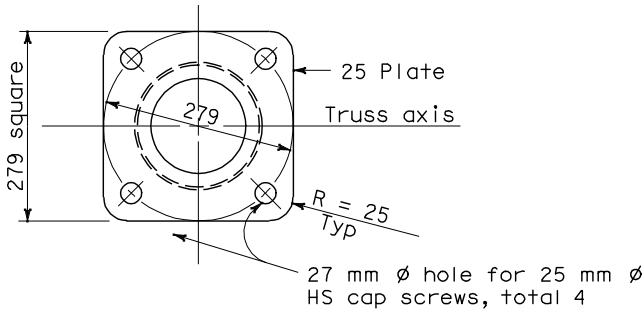
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CIVIL

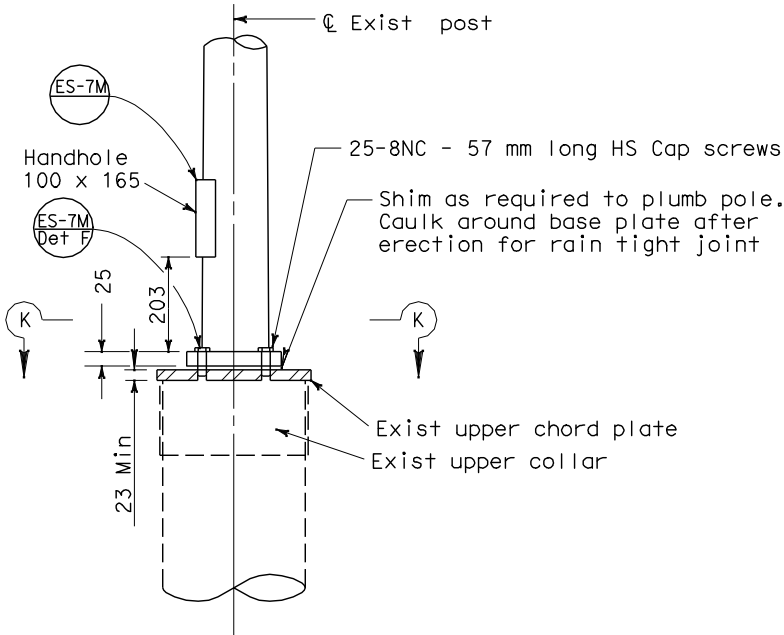
STATE OF CALIFORNIA



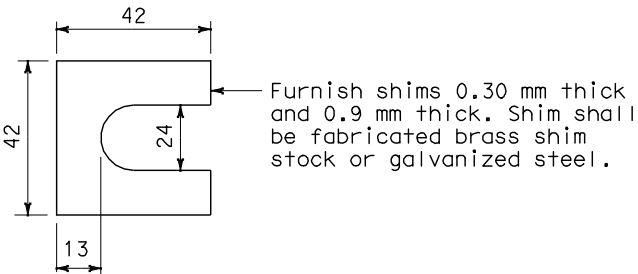
ELEVATION



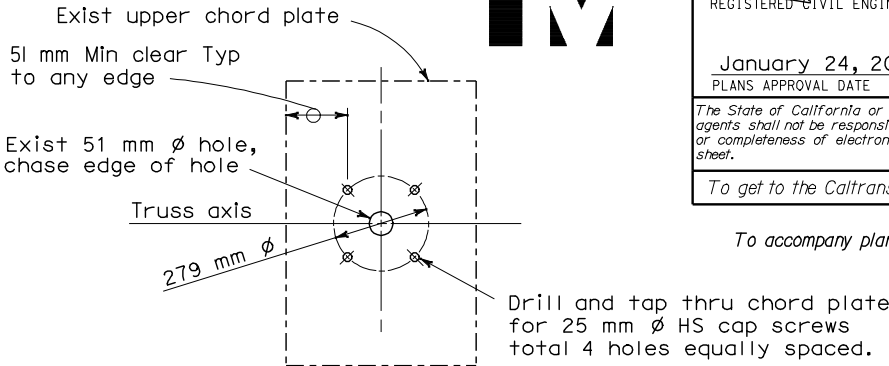
SECTION K-K



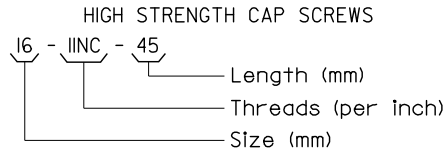
DETAIL A



SHIM DETAIL



UPPER CHORD PLATE



GENERAL NOTES:

- SPECIFICATIONS**
Design : AASHTO Standard specifications for structural supports for highway signs, luminaires and traffic signals, dated 2001
- LOADING**
Wind Loadings : 129 km/h
- UNIT STRESSES**
Structural Steel : fy = 330 MPa tapered steel tube (Pole)
fy = 250 MPa unless otherwise noted

NOTES:

1. The Contractor shall verify all controlling field dimensions before ordering or fabricating any material.
2. All steel shall be galvanized after fabrication.
3. Bolt hole locations may vary at the discretion of the Engineer.
4. Only for use on single post type trusses built according to 2004 or later Standard Plans or two post type trusses built according to 1999 Standard Plans Erratum 99-1 or later Standard Plans.

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION
**ELECTRICAL SYSTEMS
(LIGHTING STANDARDS
TYPE 5 AND TYPE 10
OVERHEAD SIGN MOUNTED)**

NO SCALE

ALL DIMENSIONS ARE IN
MILLIMETERS UNLESS OTHERWISE SHOWN

RSP ES-6K DATED JANUARY 24, 2005 SUPERSEDES STANDARD PLAN ES-6K
DATED JULY 1, 2004-PAGE 450 OF THE STANDARD PLANS BOOK DATED JULY 2004.

REVISED STANDARD PLAN RSP ES-6K